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August 14, 1990

Meeting Minutes Transmittal/Approval
Unit Managers Meeting: 200-BP-1 Operable Unit
450 Hills Street, Rm 47
July 18, 1990

From/
Appvl.: *Julie K. Erickson* Date: *Aug 16, 1990*
Julie K. Erickson, 200-BP-1 Unit Manager, DOE-RL (A6-95)
Appvl.: *Douglas R. Sherwood* Date: *Aug 16, 1990*
Douglas R. Sherwood, 200-BP-1 Unit Manager, EPA (B5-01).
Appvl.: *Larry Goldstein* Date: *8/16/90*
Larry Goldstein, 200-BP-1 Unit Manager, WA Department of Ecology

- Meeting Minutes are attached. Minutes are comprised of the following:
- Attachment #1 - Meeting Summary/Summary of Commitments and Agreements.
 - Attachment #2 - Agenda for the Meeting
 - Attachment #3 - Attendance List
 - Attachment #4 - Commitments/Agreements Status List and
 - Attachment #5 - Groundwater Well Drilling Status
 - Attachment #6 - Groundwater Well Remediation Status

Prepared by: *Douglas R. Sherwood* Date: *8/16/90*
SWEC Support Services
Concurrence by: *R. A. Carlson* Date: *8/16/90*
WHC RI Coordinator



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Attachment #1

Meeting Summary and Summary of Commitments and Agreements
200-BP-1 Operable Unit Managers Meeting
450 Hills Street, Room 47
July 18, 1990

Meeting Summary/Summary of Commitments and Agreements

1. Groundwater drilling was suspended due to health and safety issues identified during a DOE audit. The health and safety issues have been resolved; however, a site management issue has arisen (Hazardous Waste Site Management Contractor) per DOE 5480.10A Part J. The drilling restart date is dependent on the resolution of this issue. Attachment #5 contains additional details on ground water well drilling status.

Action #2BP1.37 Surface/near-surface detection techniques for pipes and leak areas and an engineering study by Bovay will be discussed at the next Unit Managers Meeting. Action: Rich Carlson

2. Hydraulic conductivity and leach tests were conducted on saturated and unsaturated soil.
3. Discussions that took place as part of the General Topics UMM were summarized for the 200-BP-1 UMM. The question of what should be done at BP-1 in lieu of site-wide modeling was discussed, but the issue was not resolved.
4. The presentation on borehole geophysics was given by John Broder on July 18th due to an action item for the 200 BP-1 operable unit. Due to the general nature of the presentation a summary is also included in the general topics meeting minutes.

The focus of borehole geophysics is on Passive Gamma-Ray Logging for gamma emitting radionuclides. Costs of the various techniques could be provided if necessary.

Slower logging will produce better precision. Signal saturation could influence precision in highly radioactive strata. Lab quality data is obtained; however, the technique will supplement, not replace, lab samples. The investigation extends 4-6" into the formation. A tool is not available to monitor perched zones at these conditions (cased, unsaturated conditions).

The program is funded by many different programs that may benefit from the investigations. Schedules are beginning to slip due to difficulties in calibrating the tools. Previous logs from the site (gamma density and neutron-neutron) have no usefulness due to a lack of resolution.

Action #2BP1.38 Determine the USGS position on the feasibility of performing geophysical logging through cased wells. Action: Ward Staubit for EPA

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Attachment #2

200-BP-1 Unit Managers Meeting Agenda
July 18, 1990
450 Hills Street, Room 47

Introduction:

Status:

Action Items

Work Plan

Remedial Investigation

- o Groundwater Well Construction
- o Groundwater Well Remediation
- o Leak Detection Engineering Study
- o Near Surface Soil Sampling Plan

Schedule

Issues:

Other Topics:

Agreements and Commitments

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Attachment #3

Attendance List
 200-BP-1 Operable Unit Managers Meeting
 July 18, 1990

NAME	ORG.	O.U. Role	PHONE
Cline, Chuck	Ecology	Geohydrology.	206-438-7556
Cross, Steve	Ecology	Geohydrology	206-459-6675
Erickson, Julie	DOE-RL	Unit Mgr.	509-376-3603
Drost, Brian	USGS	EPA Support	206-593-6510
Staubitz, Ward	USGS	EPA Support	206-593-6510
Lacombe, Donna	PRC	EPA Support	206-624-2692
Burger, John	SWEC	GSSC	509-376-2636
Fassett, Doug	SWEC	GSSC	509-376-3136
Buckmaster, Mark	WHC	Env. Eng.	509-376-1792
Johnson, Wayne	WHC	WHC Env. Eng. Mgr.	509-376-1721
Krug, Alan	WHC	100-HR-1	509-376-5634
Patterson, Jim	WHC	ER Programs	509-376-0568
Gardner, Martin	WHC	Env. Field Services	509-376-5527
Neely, Mike	EMO		509-376-5056
Kane, Don	EMO		509-376-0259
Einan, Dave	EPA		509-376-3883

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Attachment #4

Commitments/Agreements Status List
 200-BP-1 Operable Unit
 July 18, 1990

Item No.	Action	Status
2BP1.33:	WHC to arrange for a technical session describing the geophysical logging tools available for use in these studies, including the gamma-gamma, neutron-epithermal neutron and spectral gamma tools. Action: R.A. Carlson.	Closed... Meeting set for 7/18/90. (7/18/90)
2BP1.35:	The question of unsealed wells will be incorporated into the joint (EPA/Ecology) letter concerning well remediation, rehabilitation. Action: Doug Sherwood	Open According to Chuck Cline the package should be available soon. (7/18/90)
2BP1.36:	Action to finalize the current change control forms for 200-BP-1, by Friday June 22, 1990. Action: Doug Sherwood	Closed The forms are finished. Doug Sherwood has signed the forms which will go into the AR with the Work Plan. (7/18/90)
2BP1.37:	Surface/near-surface detection techniques for pipes and leak areas and an engineering study by Bovay will be discussed at the next Unit Managers Meeting. Action: Rich Carlson. (7/18/90, BP1-UMM)	Open (7/17/90)
#2BP1.38:	Determine the USGS position on the feasibility of performing geophysical logging through cased wells. Action: Ward Staubit for EPA (7/18/90, BP1.UMM)	Open (7/18/90)

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Attachment #5
GROUNDWATER WELL DRILLING STATUS
200-BP-1 Operable Unit
Unit Managers Meeting
July 18, 1990

HEALTH AND SAFETY

- o Kaiser suspended all drilling activities on May 24 due to health & safety issues identified during DOE audit
- o Drilling restart slated for June 18 based on the following:
 - o KEH safety plan(s) revised to address concerns of DOE audit
 - o Field team reoriented to revised safety plan
 - o Safety equipment inspection satisfactorily completed
- o However, a site management issues has arisen (Hazardous Waste Site Management Contractor) per DOE 5480.10A Part J. The drilling restart date is dependent on resolution of this issue.

COMPLIANCE WITH EII'S

- o A letter was prepared by DOE directing site contractors to follow EIIs or provided own procedures for WHC review and approval.

ANALYTICAL LABORATORY READINESS

- o The PNL 325 laboratory is currently scheduled to accept samples by 8/6/90.
- o The laboratory is preparing or revising existing procedures to meet the minimum technical and quality assurance/quality control requirements to support 200-BP-1.
- o OSM, EQA, and EEG have been meeting daily with the laboratory to work through the individual analytical procedures. All procedures and a new project specific quality assurance plan are scheduled for transmittal to WHC on July 27, 1990.
- o A new SOW was submitted to the PNL lab on July 13, 1990.
- o The lab audit has been rescheduled for the week of July 30th.

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Attachment #6
GROUNDWATER WELL REMEDIATION STATUS
200-BP-1 Operable Unit Managers Meeting
July 18, 1990

- o The Ecology/EPA letter on well remediation status has not yet been received.
- o 8 wells remain to be scrubbed
9 wells await pump installation after final video camera survey
8 wells are ready to be developed
- o Specifications and inspection plans required for surface remediation work are in the WHC approval cycle
- o Well evaluation sheets have been reviewed and signed off by Geosciences
- o KEH has been provided with a work order to procure remediation materials.

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Distribution:

Donna Lacombe, PRC	cc. Ronald D. Izatt (A6-95)
Ward Staubitz, USGS	Director, DOE-RL, ERD
Doug Fassett, SWEC (A4-35)	Ronald E. Gerton (A6-80)
Jack Waite, WHC (B2-35)	Director, DOE-RL, WMD
Tom Wintczak, WHC (B2-15)	Roger D. Freeberg (A6-95)
Mel Adams, WHC (H4-55)	Chief, Rstr. Br., DOE-RL/ERD
Wayne Johnson, WHC (H4-55)	Steven H. Wisness (A6-95)
Rich Carlson, WHC (H4-55)	Tri-Party Agreement Proj. Mgr
Brian Sprouse, WHC (H4-22)	Richard D. Wojtasek (B2-15)
Bill Price, WHC (S0-03)	Prgm. Mgr. WHC
Ralph O. Patt, OR Water Resources Dept.	Mary Harmon, DOE-HQ (EM-442)
Doug Dunster, Golder Assoc.	
Mike Thompson, DOE (A6-95)	
Diane Clark, DOE (A5-55)	
John Burger, SWEC (A4-35)	

ADMINISTRATIVE RECORD: 200-BP-1; Care of Susan Wray, WHC (H4-51C)

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